OWNER'S MANUAL LG Freedom II

ENGLISH
ESPAÑOL

OWNER'S MANUAL

LG Freedom™ II

LG Electronics

BC

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Important Safety Precautions

Read these instructions. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

⚠Warning

Violation of the instructions may cause serious injury or death.

WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
Wash hands after handling.

1. Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.

2. Never place your phone in a microwave oven as it will cause the battery to explode.
3. Do not dispose of your battery by fire or with hazardous or flammable materials.

4. When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is deployed, you may be seriously injured.
5. Do not use a hand-held phone while driving.

6. Do not use the phone in areas where its use is prohibited. (For example: aircraft)
7. Do not use your device for long periods of time while a part of your body is making direct contact with it. The temperature of the product may increase during normal operation and this may result in harming or burning your skin.
8. Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation may result

in discomfort or minor burns. Therefore, use care when handling your phone during or immediately after operation.

9. Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

10. Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.

11. Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.

12. Do not use your phone in high explosive areas as the phone may generate sparks.

13. Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause a fire or electric shock.

14. Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

15. Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.

16. Do not disassemble the phone.

17. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

18. Do not hold or let the antenna come in contact with your body during a call.

19. Make sure that no sharp-edged items such as animal's teeth or nails, come into contact with the battery. This could cause a fire.

20. Store the battery out of reach of children.

21. Be careful that children do not swallow any parts (such as rubber plugs, earphone, connection parts of the phone, etc.) This could cause asphyxiation or suffocation resulting in serious injury or death.

22. Unplug the power cord and charger during lightning storms to avoid electric shock or fire.

23. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.

24. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

25. Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked. Your phone's preprogrammed emergency number(s) may not work in allocations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

26. Use and store your phone in temperatures between 0°C/32°F and 45°C/113°F, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

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Welcome

Thank you for choosing the your phone, designed to operate with the latest digital mobile communication technology, Code Division Multiple Access (CDMA).

Important Information

This user's guide provides important information on the use and operation of your phone. Please read this guide carefully prior to using the phone to be able to use your phone to its greatest advantage and to prevent any accidental damage or misuse. Any unapproved changes or modifications will void your warranty.

Technical Details

Your phone is an all digital phone that operates on both Code Division Multiple Access (CDMA) frequencies: cellular services at 800 MHz and Personal Communication Services (PCS) at 1.9 GHz.

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area. This results in a 10-fold capacity increase when compared with analog mode. In addition, features such as soft/softer handoff, hard handoff, and dynamic RF power control technologies combine to reduce call interruptions.

The Cellular and PCS CDMA networks consist of MSO (Mobile Switching Office), BSC (Base Station Controller), BTS (Base Station Transmission System), and MS (Mobile Station).

1xRTT system receives twice as many subscribers in the wireless section as IS-95. Its battery life is twice as long as IS-95.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States,

with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.79 inches (2.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2.0 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.79 inches (2.0 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user/bystander and vehicle-mounted external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

FCC Notice and Cautions

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation. Any changes or modifications not expressly approved in this user guide could void your

warranty for this equipment. Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair Call quality, damage the phone, void your warranty and/or violate FCC regulations. Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Part 15.19 statement

This device and its accessories comply with part15 of FCC rules.

Operation is subject to the following two conditions:

(1) This device & its accessories may not cause harmful interference.

(2) This device & its accessories must accept any interference received, including interference that may cause undesired operation.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps Radio Link Protocol and Inter-Band Operations IS-95 Adapted for PCS Frequency Band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS-651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem Operations Non-Signaling Data Communications.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses.

However, there may be some newer wireless technologies used in this phone hat have not been tested yet for use with hearing aids.

It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility.

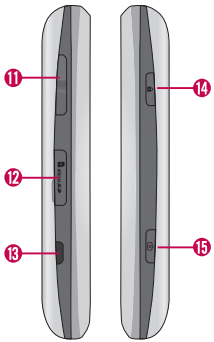
If you have questions about return or exchange policies, consult your service provider or phone retailer.

Phone Overview

NOTE
The Send, Clear/Speaker Key, Power/End Keys are not illuminated when the display is off. Press the Lock Key, or Power/End Key to illuminate the display and keys. To unlock the screen and keys, lightly drag Slide up to unlock upwards.

1. Earpiece Lets you hear the caller.
2. Shortcuts Key Allows quick access to a customizable Shortcuts Menu.
3. Quick Keys The Quick Keys provide easy access to Messages, the Dialpad, the Main Menu, and the Contact List which easily activate with the touch of your fingertip.
4. Send Key Use to answer incoming calls and to place calls from the Dialpad. From Standby mode, pressing this key will open the All calls list of your Recent Calls menu.
5. Clear/Speaker Key Press and hold the Clear/Speaker Key from Standby mode to turn the speaker on and off. When navigating menus, press once to go back one menu at a time.
6. Power/End Key Use to turn the power on/off and to end a call. Also returns to Standby mode.
7. Touch Screen Displays incoming calls, messages and status icons as well as a wide variety of content you select to view.
8. Headset Jack Allows you to plug in an optional accessory.

9. **Camera Lens** Used for taking pictures. Keep it clean for optimal photo quality.
10. **Speaker** Sound comes from the rear speaker.



11. **Volume Keys** Use to adjust the Master Volume in Standby mode* and the Earpiece Volume during a call.
12. **MicroSD Card Slot** Allows you to insert a microSD card.
13. **Charging/USB Port** Connects the phone to the battery charger, or other compatible accessories.
14. **Lock Key** Press to lock the touch screen and keys.
15. **Camera/Video Key** Press for quick access to the Camera function. Press and hold for quick access to the Video function.

* Standby mode is when the phone is waiting for input from you. No menu is displayed and the phone isn't performing any action. It's the starting point for all of the instruction steps.

Using the QWERTY Keyboard

Your phone features a slide-out QWERTY keyboard, specifically designed for easy and comfortable text entry. The QWERTY keyboard uses the same layout as the keyboard on your computer, but has several added features and options to make text entry easier.

To enter text with the QWERTY keyboard

1. In a text entry screen, slide open the QWERTY keyboard. (The display automatically adjusts to landscape mode.)
2. Use your thumbs to enter text.
   - To change capitalization, press the **Shift/Messaging Key** (Alt SHIFT).
   - To enter an alternate character on a key, press the **Function Key** (FN), then press the key with the alternate character. The next key press resumes normal character entry. To lock in alternate character entry, press the **Function Key** (FN) twice.

NOTE
To quickly enter ".com", press the **Function Key** (FN), then press (.com).

   - To access Favorites from standby mode, slide open the QWERTY keyboard and

press the **Function Key** FN.

Directional Key Shortcuts on the QWERTY keyboard

- **Up Key** Opens the Browser.
- **Down Key** Allows you quick access to your notifications and to change the ringer volume.
- **Right Key** Allows you to access the Favorites Home screen pane where you can add up to 12 media files for quick access.
- **Left Key** Allows you quick access to the Messaging Home screen pane.

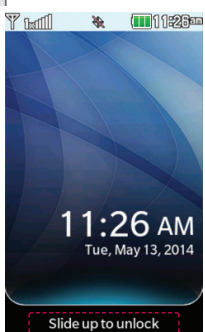
Quick Glance of the Touch Screen and How to Use It

Quick Keys

- For optimal performance, make sure your hands are clean and dry. Remove moisture from the surface of your hands. Don't use the Quick Keys in a humid environment.
- The touch screen is sensitive to your light touch. You don't need to press it forcefully to use it. Protect your phone from severe impact to prevent the touch screen sensors from becoming damaged from harsh use.
- Use the tip of your finger to touch the center of a Quick Key. If you touch off-center, it may activate the nearby function instead.
- The touch feedback level can be adjusted to your preference. See page 70.
- When both the LCD screen and backlight are off, all keys are deactivated. Press the Lock Key ( ) to turn on the screen and slide the screen up to unlock it.
- The Proximity Sensor protects against accidental key presses during phone calls by locking the screen.
- Keep metal and other conductive materials away from the surface of the touch screen because contact may cause electronic interference.

How to Unlock the Screen

Press the Lock Key at the top right edge of the phone to turn the screen on.



Lightly drag Slide up to unlock up to unlock the screen.

Contacts

1. More
2. New Contact

Messaging

1. New Message
2. Messages
3. Drafts
4. Voicemail
5. Templates
6. Settings
   1. Message View
   2. Text Entry Settings
   3. Auto Save Sent
   4. Auto Erase Inbox
   5. TXT Auto View
   6. TXT Auto Scroll
   7. Media Message Auto Receive
   8. Voicemail #
   9. Callback #
   10. Signature
   11. MMS Delivery Receipt
   12. Message Font Size
   13. CMAS Alert
   14. TXT-Media Msg Notification
7. Erase All
   1. Erase Sent/ Received
   2. Erase Drafts
   3. Erase All Messages

Call History

1. Missed Calls
2. Received Calls
3. Dialed Calls
4. All Calls
5. Call Timer
6. Data Counter

Multimedia

1. Take Picture
2. Record Video
3. Record Voice
4. Pictures
5. Videos
6. Ringtones

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1. easyedge Shop
2. Settings
3. Help

My Schedule

1. Alarm Clock
2. Calendar

Browser

1. Launch
2. Prompt

Tools

1. Voice Command
   1. Call <Name or Number>
   2. Send Msg to <Name or Number or Group>
   3. Go to <Menu>
   4. Check <Item>
   5. Contacts <Name>
   6. Redial
   7. Play
   8. Help
2. Notepad

- 3. Stopwatch
- 4. World Clock
- 5. Calculator
- 6. Ez Tip Calculator
- 7. Eco-Calculator
- 8. USB Mass Storage
- 9. Unit Converter
  - 1. Currency
  - 2. Area
  - 3. Length
  - 4. Mass
  - 5. Temperature
  - 6. Volume
  - 7. Velocity

Settings

- 1. Airplane mode
- 2. Bluetooth
- 3. Music Only Mode
- 4. Sound Settings
  - 1. Master Volume
  - 2. Ringtones
  - 3. Caller ID Readout
  - 4. Emergency Tone
  - 5. Alert Vibrate
    - 1. Incoming Call
    - 2. TXT Message
    - 3. Media Message
    - 4. Voicemail
    - 5. Missed Call
  - 6. Alert Reminder
    - 1. TXT Message
    - 2. Media Message
    - 3. Voicemail
    - 4. Missed Call
  - 7. Button Sounds
  - 8. Service Alerts
    - 1. Minute Beep
    - 2. Call Connect
    - 3. Call Disconnect
    - 4. Charge Complete
    - 5. Software Update
  - 9. Power On/Off
    - 1. Power On Sound
    - 2. Power On Vibrate
    - 3. Power Off Sound
    - 4. Power Off Vibrate
- 5. Display Settings
  - 1. Wallpaper
    - 1. Lock Screen
    - 2. Home Screen
  - 2. Banner
    - 1. Personal Banner
  - 3. Lockscreen Type
  - 4. Brightness
  - 5. Notification Light
    - 1. Incoming Call
    - 2. Missed Call
    - 3. Missed Messages
    - 4. Missed Voicemails
    - 5. Alarm
    - 6. Calendar Notification
    - 7. Battery Charging
  - 6. Display Backlight
  - 7. Keypad Backlight
  - 8. Charging Screen
  - 9. Display Themes
  - 10. Fonts
  - 11. Dial Fonts
  - 12. Menu Font Size
  - 13. Clock Format
  - 14. Favorite Bin

- 15. Name Match for Dialing
- 6. Touch Settings
  - 1. Vibrate Type
  - 2. Vibrate Level
  - 3. Vibrate Feedback
  - 4. Audio Feedback
- 7. Phone Settings
  - 1. Set Qwerty Shortcut
  - 2. Language
  - 3. Location
  - 4. Security
  - 5. System Select
- 8. Call Settings
  - 1. Answer Options
  - 2. End Call Options
  - 3. Ignore With Message
  - 4. Show Dialpad
  - 5. Auto Retry
  - 6. One Touch Dial
  - 7. Voice Privacy
  - 8. DTMF Tones
- 9. USB Mode
- 10. Memory
  - 1. Save Options
  - 1. Pictures
  - 2. Videos
  - 3. Ringtones
  - 2. Phone Memory
    - 1. Memory Usage
    - 2. Pictures
    - 3. Videos
    - 4. Ringtones
    - 5. Music
    - 6. Contacts
    - 7. Move All To Card
  - 3. Card Memory
- 11. Phone Info
  - 1. My Number
  - 2. ESN/MEID
  - 3. SW/HW Version
  - 4. Icon Glossary
  - 1. Status
  - 2. Home Screen
  - 3. Multimedia
  - 4. Messaging
  - 5. Contacts
  - 6. Recent Calls
  - 7. Settings & Tools
  - 5. Software Update
    - 1. Status
    - 2. Check for Update
- 12. Accessibility
  - 1. Menu Readout
  - 2. Digit Dial Readout
  - 3. Large Text
  - 4. Invert Color
  - 5. Mono Sound
  - 6. TTY
  - 7. Voice Command

Tone Room Deluxe

Bluetooth

- 1. Bluetooth Radio
- 2. Add New Device

Music

* **Move to Card** and **Move to Phone** is displayed only when the microSD card is inserted.

Turning the Phone On and Off

Turning the Phone On

1. Install a charged battery or connect the phone to an external power source if the battery level is low.
2. Press the **Power/End Key** for a few seconds until the LCD screen turns on.

Turning the Phone Off

1. Unlock the touch screen by lightly dragging icon Slide up to unlock up.
2. Press and hold the **Power/End Key** until the LCD screen turns off.

The Battery

NOTE
It is important to fully charge the battery before initial use of the phone.

The phone comes with a rechargeable battery. The battery charge level is shown at the top right corner of the LCD screen.

Installing the Battery

1. Use the fingertip cutout at the bottom of the phone to lift and remove the back cover.

2. Align the battery contacts with the phone terminals at the top of the battery compartment.
3. Gently push down on the battery until it clicks into place.
4. Place the back cover over the battery compartment and press it downward until it clicks into place.

Removing the Battery

1. Turn the phone off and use the fingertip cutout at the bottom of the phone to lift and remove the back cover.
2. Use the fingertip cutout near the bottom of the battery compartment to lift the battery out.

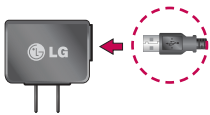
Charging the Battery

Your phone comes with a Charging adapter and a USB Cable which connect together to charge your phone. To charge your phone:

NOTICE
Please use only an approved charging accessory to charge your LG phone. Improper handling of the Charging/USB Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

NOTE
Using the phone with only the adapter may cause abrupt resets. Use the phone with the battery installed.

1. Connect the USB Cable into the Charging Adapter, as shown below.



Charging Adapter

2. Gently uncover the phone's Charging/USB Port. Then plug the USB Cable (as shown in the next image) into the Charging/USB Port and the other end into an electrical outlet.

NOTICE
Please make sure that the 'B' side is facing up before inserting a charger or USB Cable into the Charging/USB Port of your phone.

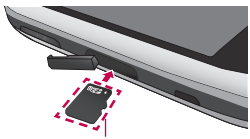
The charge time varies depending upon the battery level.

Charging with USB

You can use your computer to charge your phone. To be able to charge with the USB Cable, you may need to have the necessary USB Driver installed on your PC first. Connect one end of the USB Cable to the Charging/USB Port on your phone and the other end to a bus-powered USB port on your PC.

NOTE
Low-powered USB ports are not supported, such as the USB port on your keyboard or bus-powered USB hub.

How to Install a microSD™ Card



microSD™ slot

1. Use the fingertip cutout to uncover the microSD slot. It is located on the left side of the phone.

2. Insert the microSD™ card (purchased separately) with the label side facing up.
3. Gently push it in until it clicks into place.

NOTE
Please note that if you insert the card in the wrong direction, it may damage your phone or your card.

How to Remove a microSD™ Card

1. Remove the back cover and gently push the card inward, this will release the exposed edge of the microSD™ card to eject it.
2. Remove the microSD™ card from the slot and replace the cover.

NOTE

- Do not attempt to remove the microSD™ card while reading or writing to the card.
- Users wishing to transfer or download music onto a microSD™ card inserted into this phone (through MTP Sync) should format the microSD™ card on this phone before using it (with the phone unlocked, touch Menu > Settings > Memory > Card Memory > Format). Warning: Formatting the microSD™ card will erase all contents on the card. In the event the microSD™ card is used on this phone without first formatting it, the phone will display "License acquisition failed" during MTP Sync. Song files downloaded or otherwise purchased from third party providers and stored on a microSD™ card inserted into this device may be protected or encrypted by such provider and may not be playable on this device.

Battery Temperature Protection

Though extremely rare, if the battery becomes overheated, the phone will automatically turn off. When you turn the phone back on, a message pops up alerting you that the phone was powered off for your safety.

Battery Charge Level

You can find the battery charge level at the top right corner of the LCD screen. When the charge level approaches low, the battery sensor sounds a warning tone, blinks the battery icon, and displays a warning message. As the charge level approaches empty, the phone automatically switches off without saving any current tasks.

Signal Strength

Call quality depends on the signal strength in your area. You can tell how much signal strength you have by the number of bars next to the signal strength icon: the more bars, the stronger the signal. If you're having problems with signal quality, move to an open area or, when inside

a building, try moving near a window.

Screen Icons

When the phone is on, the LCD screen displays the phone's status icons. To view what they mean:

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Phone Info**.
4. Touch **Icon Glossary**.
5. Touch a category of icons from the list to display its status icons.

Making Calls

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Phone Quick Key** to display the dialpad. Enter the phone number you want to call.

NOTE
You can search your Contact List contacts or Recent Calls Recent and select a number to call instead of manually dialing.

3. Press the **Send Key** or touch the **Call Key** CALL to place the call.
4. Press the **Power/End Key** or touch the **End Key** END to end the call.

Correcting Dialing Mistakes

If you make a mistake while dialing a number, touch the **Clear/Speaker Key** C/Ø once or touch on the dialing keypad to erase the last digit entered. You can also hold the **Clear/Speaker** C/Ø down or touch and hold on the dialing keypad to delete all digits.

Redialing Calls

With the touch screen unlocked, press the **Send Key** once to view a list of all of your recent calls. The last 270 calls (90 Received, 90 Missed and 90 Dialed) are stored in the call history list. Touch the **Dial Key** next to any of the entries to place a call to that number.

You can also press the **Send Key** twice to redial the last number you dialed, received or missed in the call history.

Receiving Calls

1. When the phone rings and/or vibrates, drag Slide up to unlock up, or press the **Send Key** .
2. Press the **Power/End Key** to end the call.

NOTE To ignore the incoming call, press the **Power/End Key** twice to immediately end the call. Or, you can touch **[IGNORE]**. You can also send text messages by touching **[TEXT]**.

There are several ways of answering a call, depending on your selected Answer Options:

- **Slide Out:** Sliding the QWERTY keyboard out answers the call and turns the speaker on.
- **Any Key:** Press the **Send Key** or, with the phone unlocked, press any other key except the **Power/End Key** , **Volume Keys** , **Lock Key** , and the **Camera Key** .
- **Auto with Handsfree:** The call automatically connects when connected to a handsfree device.

Shortcuts Menu

Shortcuts Menu

The Shortcuts Menu allows instant access to menus and phone features with the quick touch of your fingertip. To use the Shortcuts Menu:

1. Unlock the touch screen by dragging **Slide up to unlock** up.
2. Touch the **Shortcuts Menu** icon on the Home screen.
3. To close the Shortcuts Menu, press the **Power/End Key** .

Quick Keys

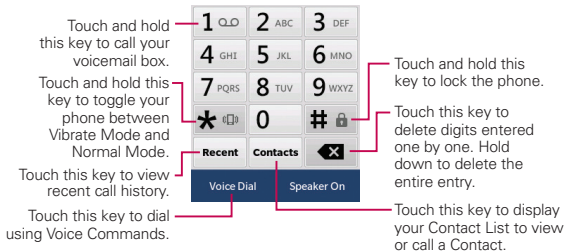
Contact list: Displays your Contact List.

Messaging: Displays the Messaging Menu.

Phone: Displays the dialpad so you can make a call. Dial manually using the numeric keys or easily from your Recent Calls, Contacts, or Voice Dial menus.

Menu: Displays the Main Menu.

When you touch the **Phone Quick Key** the following dialpad is displayed:


Touch and hold this key to call your voicemail box.
Touch and hold this key to toggle your phone between Vibrate Mode and Normal Mode.
Touch this key to view recent call history.
Touch this key to dial using Voice Commands.
Touch and hold this key to lock the phone.
Touch this key to delete digits entered one by one. Hold down to delete the entire entry.
Touch this key to display your Contact List to view or call a Contact.
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0
#
Recent
Contacts
Voice Dial
Speaker On

To view other Home screen panes

Slide your finger left or right across the Home screen. If you slide your finger left, you could access and edit Favorites. If you slide your finger right, you can access Messaging.

Messages
To forward a message to a contact, drag the contact icon from the Favorites tray onto the sent message.
U.S.Cellular
Favorite Media
Add up to 12 media files. Drag contact from the tray to the media file, then send media message to contact.
Tue, May 13, 11:25am

Favorites

Allows you to add up to 12 Contact entries to your list of Favorites to easily view, call, or send messages. You can also select the shortcuts you want to add to the main Home screen.

Quick Access to Convenient Features

Restrictions

Sets your phone to require a 4 digit password in order to use the phone.

To set Lock Mode on with the touch screen unlocked, touch Menu > Settings > **Phone Settings** > **Security**. Enter the **Phone Lock Code** and touch **Phone Lock** to configure when you want to lock the phone. The next time you wake your phone's screen, you will need to enter the phone lock code.

NOTE
The default phone lock code is the last 4-digits of your phone number.

To quickly lock your phone press # for three seconds and enter your lock code. To unlock, press the Unlock button and enter your lock code.

Quick Volume Adjustment

Quickly adjust the Master Volume and Earpiece Volume by pressing the upper Volume Key to increase and lower Volume Key to decrease.

NOTE
The Earpiece Volume can only be adjusted by the Volume Keys during a call.

NOTE
To turn sounds off, unlock the phone, press the lower Volume Key to select All Sounds Off. Press and hold the upper Volume Key to return to Normal Mode.

Vibrate Mode

Sets the phone to vibrate instead of ring (is displayed on the Notification bar).

To set Vibrate Mode, touch the **Phone Quick Key** to display the dialpad, then touch and hold the **Asterisk Key** *.

To return to Normal Mode, touch and hold the **Asterisk Key** * again.

NOTE
From the QWERTY keyboard, press and hold Z to set Vibrate Mode. You can also press the lower Volume Key to set Vibrate Only.

Call Waiting

During a call, one beeps indicates that you have another incoming call.

Ignoring Call Waiting

If you don't want to answer an incoming call, touch **[IGNORE]** on the touch screen. The Call Waiting beep stops and the call goes to your voicemail, if available.

Answering Call Waiting

1. While on a call, press the **Send Key** , to automatically put the first call on hold and answer the new call.
2. Press the **Send Key** again, to put the second call on hold and return to the first caller.

Voice Commands

Voice Commands allow you to do things by verbal command (e.g., make calls, check Voicemail, etc.).

1. With the QWERTY open, press and hold the **Voice Commands** .

   OR

   From the Home screen, touch the **Menu Quick Key** > **Tools** > **Voice Commands**.
2. Follow the prompts to use your voice command(s).

Entering and Editing Information

Text Input

You can enter information using the touch screen keypad. There are special key functions to help you with text entry.

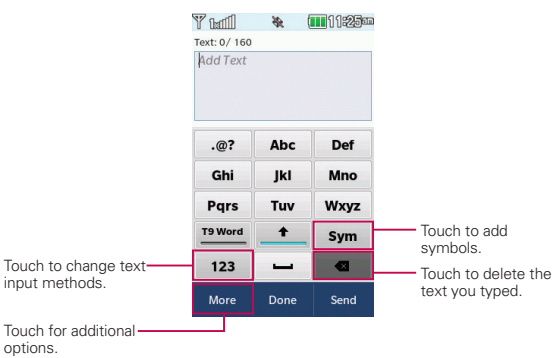
Text Input While Composing a TXT Message

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Messaging Quick Key** .
3. Touch New Contact.
4. Touch the **Text** field to begin entering text. A touch keypad will pop up.
5. To access the Text Input options, touch **More** for options below:

   Insert Template/ Add Contact#/Email/ Copy Text/Language

Entering text with the on-screen keyboard

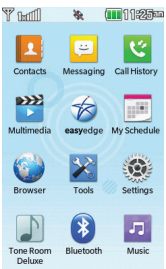
To enter text using the on-screen keyboard, you must tap each key according to the position of the letter. For example, if you want to enter 'dog' you must tap Def once, Mno three times, and Ghi once.



Menu Access

The **Menu Quick Key** provides access to the phone's main menu. To access the main menu, unlock the phone first by dragging Slide up to unlock up. Touch the **Menu Quick Key** at the bottom of the screen to open the main menu.

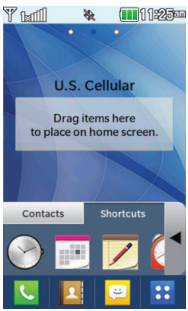
The main menu is displayed as shown below. Touch any of the menu icons with your fingertip to open that menu.



Shortcuts Menu on the Touch Screen

Shortcuts Menu

The Shortcuts Menu allows quick, direct access to several frequently used features from the touch screen. Up to 36 different shortcuts can be set. To access the Shortcuts Menu, unlock the touch screen, then touch the **Shortcuts Menu** icon along the left side of the screen. Then touch the **Shortcuts** tab. By default, the shortcuts below are provided, but you can customize them to your preferences.



Clock Widget

Calendar Widget

Memo Widget

Alarm Widget

New Message

Memory Widget

My Pictures

Add/Remove

Storing New Contacts

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Contacts Quick Key** .
3. Touch New Contact.
4. Touch an information field and use the keypad to enter the necessary information. Then touch **[Done]**. Do this for each field you want to enter.
5. When all fields are complete, touch **[Save]**.

OR

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Phone Quick Key** to display the dialpad.
3. Use the dialpad to enter the phone number and touch **[Save]**.
4. Touch **Add New Contact/ Update Existing**.

NOTE
If you choose Update Existing, you will need to choose the contact whose information you want to change. Then touch **Mobile 1/ Home/Business/Mobile 2/Fax**.

5. Touch **Mobile 1/Home/ Business/Mobile 2/Fax**.
6. Enter information into the remaining fields, as necessary, and touch **[Save]** to save.

Changing Contact Entries

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Contacts Quick Key** .
3. Touch the contact you want to customize.
4. Touch **[Edit]**, touch and edit the fields you want to change then touch **[Done]**.
5. Touch **[Save]** when you finish editing the contact to save the entry.

Speed Dials

Allows you to set up your Speed Dials.

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Contacts Quick Key** , then touch the desired contact.
3. Touch **Edit**, then scroll down and touch **Speed Dials**.

NOTE
If you have more than 1 number assigned to a contact, you must first select the desired number and then choose the speed dial entry.

4. Touch an unassigned Speed Dial number.
5. Touch **Yes** to confirm.
6. Touch **Save** to save your updates to the contact entry.

Storing a Number with Pauses

Pauses allow you to enter additional series of numbers to access automated systems such as Voicemail or credit billing numbers. Pause types are:
Wait (W) The phone stops dialing until you touch **[Release]** to advance to the next number.
2-Sec Pause (P) The phone waits two seconds before sending the next string of digits automatically.

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Phone Quick Key** .
3. Use the dialpad to enter the number, then touch **More**.
4. Touch **2 sec pause** or **Wait** and enter the additional numbers.
5. Touch **[Save]**, then complete the contact entry as necessary.

Deleting

Deleting a Contact Entry

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Contacts Quick Key** .
3. Touch the contact you want to delete.
4. Touch **[Erase]**.
5. Touch **Yes**.

Contacts

The Contacts Menu allows you to store names, phone numbers and other information in your phone's memory.

1. New Contact

Allows you to add a new contact.

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Contacts Quick Key**.
3. Touch New Contact.
4. Touch an information field and use the keypad to enter the necessary information. Then touch **[Done]**. Do this for each field you want to enter.
5. When all fields are complete, touch **[Save]**.

   OR

1. Unlock the touch screen by dragging Slide up to unlock up.
2. Touch the **Phone Quick Key** to display the dialpad.
3. Use the dialpad to enter the phone number and touch **[Save]**.
4. Touch **Add New Contact/ Update Existing**.

NOTE If you choose Update Existing, you will need to choose the contact whose information you want to change. Then touch **Mobile 1/ Home/Business/Mobile 2/Fax**.

5. Touch **Mobile 1/Home/ Business/Mobile 2/Fax**.
6. Enter information into the remaining fields, as necessary, and touch **[Save]** to save.

2. Contacts List

Allows you to view your Contacts List.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key**.
2. Touch a contacts entry.
3. The following options are available.
   - Touch **[Erase]** to erase the contacts.
   - Touch **[Edit]** to edit the contacts.
   - Touch the phone number to dial the contact.
   - Touch **Send Message** to send the contact a text or picture message.

- Touch **Send Name Card** to send the contact's name card.

NOTE
If you have saved a speed dial to an entry, **Speed Dials** appears as the last option for the contact entry.

3. Groups

Allows you to view your grouped contacts, add a new group, change the name of a group, delete a group, or send a message to everyone in the selected group.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More**.
3. Touch **Groups**. Then select the desired group (**Business/ Colleagues/Family/Friends/ School**).
   - Touch **[New Group]** to add a new group to the list.
   - Touch **[More]** for the following options: **Remove Contacts/Send Message/ Rename Group/Erase Group**.

4. Speed Dials

Allows you to view and manage your list of Speed Dials for numbers entered in your Contacts.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More** and then **Speed Dials**.
3. Touch an unassigned Speed Dial position.
4. Touch the contact you wish to assign a Speed Dial to.
5. Touch the contact number you want to assign (if applicable), then touch **Yes**.

5. Copy to Card

Allows you to copy contacts to your memory card.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More** and then **Copy to Card**.

3. Select the contacts you want to copy to your card, then touch **Done**.

6. Send Name Card

Allows you to send name cards to others.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More** and then **Send Name Card**.
3. Select your method for sending the name card.
4. Select the name cards you want to send and touch **Done**.
5. Select the Bluetooth device or contact you want to send the name cards to.

7. Send Message

Allows you to send messages to your contacts.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More** and then **Send Message**.
3. Select the contacts who you want to send a message to and touch **Done**.
4. Enter the necessary details and touch **Send**.

8. Erase

Allows you to erase contacts.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More** and then **Erase**.
3. Select the contacts you want erase and touch **Done**.
4. Touch **Yes** to confirm.

9. Erase All

Allows you to erase all contacts at once.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Contacts Quick Key** .
2. Touch **More** and then **Erase All**.
3. Touch **Yes** to confirm.

Messaging

Depending on the content and size of your messages, the phone can store up to 500 messages (including a max. of 300 text messages, 100 emergency alerts and 100 multimedia messages in the Inbox). Content stored in the message may be limited by phone model and service capability. Other limits to available characters per message may exist. Please check with your service provider for system features and capabilities.

Shortcut
Simply touch the **Messages Quick Key** from the Home screen.

New Message Alert

Your phone will alert you when you have new messages in the following ways:

- The phone displays a message on the screen.
- The message icon is displayed on the Notification bar. In the case of a high priority message, ! is displayed.

1. New Message

Allows you to send a new message to your contacts. Each message can have multiple destination addresses and can contain various items of information. These are dependent upon the type of message you want to send.

2. Messages

When your phone receives a message, you are alerted by:

- A notification message on the screen.
- An alert tone and/or vibration, depending on your volume settings.

If you don't respond to the notification within a few minutes, the notification message disappears and the New Message icon is displayed on the Notification bar instead (! indicates a high priority message). You can choose to view your messages by the time received (sorted into Inbox and Sent folders) or by Contact (all messages in one folder sorted by address).

To change the message settings:

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Messaging**.
3. Touch **Settings** to access following settings:

   Message View/Text Entry Settings/Auto Save Sent/ Auto Erase Inbox/TXT Auto View/TXT Auto Scroll/Media Message Auto Receive/ Voicemail #/Callback #/ Signature/MMS Delivery Receipt/Message Font Size/ CMAS Alerts/TXT-Media Msg Notification

NOTE
Please note that menu intructions in this guide may vary if changing the Message View option.

Viewing Your Messages

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Messaging**.
3. Touch **Messages** (or **Inbox**, depending on your Messages View configuration).
4. Touch a message conversation, then touch a message entry.
5. Options available for a received message:
   - **[REPLY]** to reply to the message.
   - **[ERASE]** to erase the message.
   - Touch **[More]** for the following options.

     Text : **Forward/Reply With Copy/Save as Template/ Lock (Unlock)/Mark as Unread/Add To Contacts/ Extract Address/Message Info**

     Picture/Video/Voice : **Play Again(with sound/ with multiple slides)/ Reply with Copy/Forward/**

Save Picture(with Picture)/ Save Video(with Video)/ Save As Ringtone(with sound)/Save Sound(with sound)/Save as Template/ Lock(Unlock)/Add to Contact/Extract Address/ Move to Vault/Message Info/Mark as Unread

Message Icon Reference

New Text Message

Text Message Read

New Media Message

New Media Message Received

Media Message Unread

Media Message Read

Message Delivered

Message Failed

Pending Message

Message Sent

New Webmail

Webmail Read

Multiple Messages Delivered

Multiple Messages Failed

Multiple Messages Delivery Incomplete

Multiple Pending Messages

Multiple Messages Sent

Text Message Draft

Media Message Draft

Namecard

High Priority

Lock

Unlock

3. Drafts

Your phone allows you to save Drafts of messages. When Drafts are saved, they are saved in the Drafts folder.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **Drafts**.
4. Touch a message entry.

5. The following options are available:
   - Touch **[Send]** to send the message.
   - Touch **[More]** for the following additional options

     Text: **Add Recipient/Save As Draft/Priority Level**

     Picture: **Add Recipient/ Preview/Save As Draft/ Add Slide/Remove Picture/ Remove Subject/Priority Level**

Message Icon Reference

TXT Message Draft

Media Message Draft

4. Voicemail

Allows you to view the number of new voice messages recorded in the Voicemail box. Once you exceed the storage limit, old messages may be overwritten. When you receive a new voice message, your phone will alert you.

Checking Your Voicemail Box

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Messaging**.
3. Touch **Voicemail**.
4. The following options are available:
   - Touch **[CLEAR]** to clear the Voicemail counter.
   - Press the **Send Key** or touch **[CALL]** to listen to the message(s).

5. Templates

Allows you to manage your Templates entries.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Messaging**.
3. Touch **Templates**.
4. Touch a message to view its content and edit it. Touch **Done** to save it.

5. Touch **New** to create a new Templates. Enter the desired text and touch **Done**.

6. Settings

Allows you to configure settings for your messages.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **Settings**.

Message Settings Sub-Menu Descriptions

1. Message View

Select **Time** to display messages chronologically in Inbox and Sent folders. Select **Contact** to sort all messages chronologically by contact in one message folder.

2. Text Entry Settings

Allows you to activate/deactivate **Word Correction** and **Word Prediction**.

3. Auto Save Sent

Select **On** to automatically save your Sent messages.

Select **Off** if you don't want to save them.

Select **Prompt** to be asked whenever a new message is sent.

4. Auto Erase Inbox

Select **On** to automatically delete read messages when you exceed the storage limit.

5. TXT Auto View

Select **ON** to automatically display message content on the screen. Select **On** + **Readout** to automatically display content and read it aloud. Select **Off** for more security and privacy by requiring the message to be opened to view it.

6. TXT Auto Scroll

Select **ON** to automatically scroll text down while viewing messages.

7. Media Message Auto Receive

Select **ON** to automatically receive Media Messages as opposed to having to accept them.

8. Voicemail

Allows you to manually enter the access number for Voicemail Service. This number should be only used when a VMS (Voicemail Service) access number is not provided by the network.

9. Callback

Select **ON** to automatically send a designated callback number with your messages. You can also edit this number.

10. Signature

Allows you to create and edit your signature to send it out with all of your outgoing messages.

11. MMS Delivery Receipt

When set to **ON**, the phone will indicate Sent messages as having been successfully delivered.

12. Message Font Size

Select to display the received messages in Small, Normal or Large font.

13. CMAS Alerts

Set your configuaration for receiving public alerts.

The following settings are available:

Extreme Alert/Severe Alert/ AMBER Alerts/Alert Reminder/ Alert Vibrate/Alert Tone.

14. TXT-Media Msg Notification

Set your configuration for the pop-up notifying you of switching the message type. Please list the TXT-Media Msg sub menu info.

The following settings are available:

TXT-> Media Message/Media-> TXT Message.

7. Erase All

Allows you to erase all messages at once.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **Erase All**.
4. Select **Erase Sent/Received/ Erase Drafts/Erase All Messages.**

NOTE
Message View setting (Time or Contact), affects the Erase Message submenu names, but nonetheless they function the same.

Call History

The Recent Calls Menu is a list of the last phone numbers or contact entries for calls you missed, received, or dialed. It's continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

1. Missed Calls

Allows you to view the list of missed calls; up to 90 entries.

1. Unlock the touch screen by dragging Slide up to unlock up and press the **Send Key**.
2. Touch .
3. Touch a missed call entry to view information about the call. The following options are available:
   - Touch **[Call]** to place a call to the number.
   - Touch **[Send Message]** to send a message.
   - Touch **[Save to Contacts]** to save the number into your Contact List.
   - Touch **[More]** for the following options:

     Save To Contacts (Contact info)/Erase/Lock(Unlock)/ View Timers

2. Received Calls

Allows you to view the list of received calls; up to 90 entries.

1. Unlock the touch screen by dragging Slide up to unlock up and press the **Send Key**.
2. Touch .
3. Touch a received call entry to view the information about the call. The following options are available:
   - Touch **[Call]** to place a call to the number.
   - Touch **[Send Message]** to send a message.
   - Touch **[Save to Contacts]** to save the number into your Contact List.
   - Touch **[More]** for the following options:

     Save to Contacts (Contact info)/Erase/Lock(Unlock)/ View Timers

3. Dialed Calls

Allows you to view the list of dialed calls; up to 90 entries.

1. Unlock the touch screen by dragging Slide up to unlock up and press the **Send Key** .
2. Touch .
3. Touch a dialed call entry to view information about the call. The following options are available:
   - Touch **[Call]** to place a call to the number.
   - Touch **[Send Message]** to send a message.
   - Touch **[Save to Contacts]** to save the number into your Contact List.
   - Touch **[More]** for the following options:

     Save to Contacts (Contact info)/Erase/Lock(Unlock)/ View Timers

4. All Calls

Allows you to view the list of all calls; up to 270 entries.

1. Unlock the touch screen by dragging Slide up to unlock up and press the **Send Key** .
2. Touch a call entry to view information about the call. The following options are available:
   - Touch **[Call]** to place a call to the number.
   - Touch **[Send Message]** to send a message.
   - Touch **[Save to Contacts]** to save the number into your Contact List.
   - Touch **[More]** for the following options:

     Save to Contacts (Contact info)/Erase/Lock(Unlock)/ View Timers

5. Call Timer

Allows you to view the duration of the different call types.

1. Unlock the touch screen by dragging Slide up to unlock up and press the **Send Key** .
2. Touch **[More]** and then **Call Timer**.
3. Touch **[Reset]** next to an option to reset it. The timers available are:

   Last Call/All Calls/Received Calls/Dialed Calls/Roaming Calls/Last Reset/Lifetime Calls
4. To reset all the recorded timers at once, touch **[Reset All]**.

NOTE
Not all Timers can be reset.

6. Data Counter

Allows you to view the data counter.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Call History** .
3. Touch **Data Counter**.
4. Touch **[Reset]** next to an option to reset it. The counters available are: **Transmit Data/ Received Data/Total Data**
5. To reset all the recorded timers at once, touch **[Reset All]**.

Multimedia

NOTE
The touch screen automatically accomodates incoming calls while you are playing music, browsing the net. The touch screen unlocks for you to answer the call, and if you answer the call, it pauses the player/feature until you end the call.

1. Take Picture

Take pictures straight from your phone.

Tips
- To take a clear picture, set the proper brightness level and zoom before taking the picture. Zoom is not available at the highest picture resolution.
- Avoid jolting the camera.
- Wipe the camera lens with a soft cloth.

Shortcuts
Press the Camera Key ( ) from the Home screen to open the Camera function.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Take Picture**.
4. Touch the screen to set camera options.

- Select to customize the following options.

  White Balance Auto/Sunny/Cloudy/Fluorescent/Glow

  Self Timer Off/3 Seconds/5 Seconds/10 Seconds

  Night Mode ON/OFF

  Shutter Sound Shutter/Silent/Say Cheeze/Ready!123

  Resolution 1600X1200/1280X960/640X480/320X240

  Color Effects Normal/Negative/Aqua/Sepia/Black&White

  Save Option Internal/External

  Restore Factory Setting

  Auto Save ON/OFF

- Touch to preview the pictures stored on your phone.
- Touch to switch to video mode.
- Drag up or down to control the brightness.
- Touch to take the picture.

5. After taking a picture, touch **[Erase]** to erase it or **[Save]** to save the picture to My Pictures. Touch **[Send]** to send a picture message. You can also touch **[Set As]** to choose between **Wallpaper** and **Picture ID**.

2. Record Video

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .

SHORTCUT
Press and hold the Camera Key to access the camcorder function.

2. Touch **Multimedia** .
3. Touch **Record Video**.
4. Touch for following Video camera options:

   White Balance Auto/Sunny/Cloudy/Fluorescent/Glow

   Video Quality High/Medium/Low

   Recording Time For Send/For Save

   Color Effects Normal/Negative/Aqua/Sepia/Black&White

   Save Option Internal/External

   Shutter Sound Shutter/Silent

   Restore Factory Setting

   Resolution 176X144/320X240

   Auto Save ON/OFF

- Touch to preview the videos stored on your phone.
- Touch to change to camera mode.
- Drag up or down to control the brightness.

5. Press RECORD to begin recording.
6. When you stop recording, you are allowed to **Erase**, **Save** and **Send** the recorded file.
7. Touch to preview the file.

3. Record Voice

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Record Voice**.

4. Pictures

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Pictures**.

4.1 My Pictures

Allows you to view pictures stored in the phone.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Pictures**.
4. Touch **My Pictures**.
5. Touch **[More]** for the options below:

   Send/Take Picture/(Move To Card/Move To Phone)/ Add Slideshow/Lock/Erase/ Erase All
6. Touch your desired picture.

The following options are available when viewing a picture:

- Touch **[Send]** to send a picture by message, or to your online album.
- Touch **[Set As]** to set as **Wallpaper** or **Picture ID**.
- Touch **[More]** for the options below:

  (Move To Card/Move To Phone)/(Lock)/Erase/Take Picture/File Info/Set As Favorite

NOTE
Options in the bracket will only appear when the microSD card is inserted.

4.2 Default Pictures

Allows you to view the phone's default pictures.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Pictures**.
4. Touch **Default Pictures**.

5. Videos

Allows you to view your saved videos.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Picture**.
4. Touch **Videos.**
5. Touch **[More]** for the options below:

   Send/Record Video/(Move To Card/Move To Phone)/ Lock/Erase/Erase All

The following options are available when you select a video:

- Touch **[Send]** to send the video as **Video Message** and **Send via Bluetooth**.
- Touch **[Erase]** to erase the video file.
- Touch **[More]** for the options below:

  (Move To Card/Move To Phone)/Lock/Record Video/ File Info/Set As Favorite.

NOTE
Options in the bracket will only appear when a microSD card is inserted.

6. Ringtones

Allows you to view your ringtones and the phone's default ringtones.

6.1 My Sounds

Allows you to set a ringtone or download a new one.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Ringtones**.
4. Touch **My Sounds**.
5. Touch a ringtone to select it.

NOTE
Touch ▶ to play the ringtone.

6. In the **Set As** menu, choose from **Ringtone/Contact ID/ Alert Sounds**.
   - **Ringtone**: Set as a Ringtone for incoming calls.

- **Contact ID**: Allows you to set the ringtone to notify you when a specific contact is calling you.
- **Alert Sounds**: Allows you to set the ringtone to notify for All Messages, TXT Message, Media Message, or Voicemail.

6.2 Default Ringtones

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Multimedia** .
3. Touch **Ringtones**.
4. Touch **Default Ringtones**. From the ringtone list, you are allowed to look at the **Current ringtone** and **Change to** list. The current ringtone will change if you select a ringtone from the Change to list.

easyedge[SM]

easyedge[SM] allows you to do more than just talk on your phone. easyedge[SM] is a technology and service that allows you to download and use applications on your phone. With easyedge[SM], it is quick and easy to personalize your phone to suit your lifestyle and tastes. Just download the applications that appeal to you. From ringtones and wallpapers to games and productivity tools, you can be assured you will find something useful, practical, or downright entertaining. There are new applications constantly available for your use.

Downloading Applications

You can download applications and use easyedge[SM] where service is available.

Incoming Calls

When using applications, an incoming call will automatically pause the application and allow you to answer the call. When you complete your call, you can resume using the application.

1. easyedge Shop

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **easyedge**.
3. Select **easyedge Shop**.
4. Search for apps and follow the on-screen steps to download them.

2. Settings

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **easyedge**.
3. Select **Settings**.

3. Help

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **easyedge**.
3. Select **Help**.

My Schedule

Allows you to manage your alarm clock and calendar events.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **My Schedule** .

1. Alarm Clock

Allows you to set up to ten alarms. At the alarm time, any set alarm will sound the tone of your choice (depending on your sound settings), and a notification message will be displayed on your screen.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **My Schedule** .
3. Touch **Alarm Clock**.
4. Touch **[Add]**.

NOTE
If no alarms have been created, you will be notified with a pop-up and prompted to create a new one. Touch **Yes** to set an alarm.

5. Touch the **Set Time** field to set the alarm time.
6. Touch the **Repeat** field to set the recurrence for the alarm. Available options are:

   Once/Daily/Mon-Fri/ Weekends/Select Days
7. Touch the **Ringtone** field to set the sound that plays when the alarm notification sounds. Touch **Play** to listen to the tone. Touch the sound to select.
8. Touch **Save** to save the alarm.
   - To edit an alarm, touch the alarm and make your changes. Then touch **Save**.
   - To delete an alarm, touch the alarm and touch **Erase**.

2. Calendar

Allows you to store and access your agenda(s). Simply store your appointments in your Calendar

and your phone will alert you with a reminder.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **My Schedule** .
3. Touch **Calendar**.
4. Touch the day you wish to edit.
5. Touch **[Add New Event]**.
6. Enter your schedule information including:

- Subject
- Start Date
- Start Time
- End Date
- End Time
- Recurrence
- Alert Tone
- Vibrate
- Alert Time
- Reminder

7. Touch **Save** to save the event.
8. Touch **More** for following options:

- Monthly View
- Weekly View
- Go to Date
- Search
- Send to Bluetooth
- Send to Message
- Copy Event
- Erase All Old
- Erase All

9. To delete the event, touch and then touch **Yes** to confirm.
10. To view a calendar event, touch the date of the event, then touch the event.
11. To edit an event, touch the event, then touch **Edit** and make your changes. Touch **Save** when finished.

Browser

The Browser feature allows you to view Internet content.

Accessibility and selections within this feature are dependent upon your service provider. For specific information on Browser access through your phone, contact your service provider.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Browser** .

1. Launch

Allows you to launch the browser.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Browser** .
3. Touch **Launch**.

2. Prompt

Allows you to turn the Browser Access Prompt on or off to select if you want to be prompted when accessing the Browser.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Browser** .
3. Touch **Prompt**.

Tools

1. Voice Commands

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Voice Commands**.
4. Touch **Settings** to set **Confirm Choices/Sensitivity/ Adapt Voice/Prompts/Info**.
5. Touch **Info** and select an option to learn more about it.

1.1 Call <Name or Number>

Say "Call" and then call someone simply by saying the phone number or name. Please speak clearly and exactly as in your Contact list. When you have more than one contact number, you can state the name and number type of the contact (for example, 'Call John Work').

1.2 Send Msg to <Name or Number or Group>

Say "Send Message" and the voice command will prompt you for the contact name, number or group. It will automatically start a message. If you say a full sentence command, such as "Send Message to Bob", it will automatically start a text message without asking for the message type. When using the "Send Message" command, speak clearly and say the number, group name, or name exactly as it is entered in your Contact List.

1.3 Go to <Menu>

The "Go to" command allows you to access a menu within the phone (for example, "Go to Calendar"). If no menu option is stated, a list of options will be provided.

1.4 Check <Item>

The "Check" command allows you to check out a wide range of items, such as: Phone Status, Voicemail, Messages, Missed Calls, Time, Signal strength, Battery Level, Volume and My Number.

1.5 Contacts <Name>

You can look up names in your Contacts (for example,

say "Contacts John"). Once a contact's info is read out, you will be prompted for the following options:
Call/Read out/Create New/ Modify/Erase

1.6 Redial

Allows you to automatically redial the last number called.

1.7 Play

Allows you to play songs saved in the phone.

1.8 Help

Provides a general guideline to using Voice Commands.

2. Notepad

Allows you to add, read, edit, and erase notes to yourself.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Tools**.
3. Touch **Notepad**.
4. Touch **[New]** to write a new note.

NOTE
If no notes have been created, you will be notified with a pop-up and prompted to create a new one. Touch **Yes** to write a new note.

5. Type the note, then touch **[Done]**.

   A confirmation message displays briefly, then displays your list of notes.

Managing Notes

1. Access Notepad.
2. To erase a note, touch it to open it. Then touch **[More]** > **Erase**.

   OR

   You can simply touch to delete the note and then touch **Yes** to confirm.

   OR

   To delete all notes, touch **[More]** and then **[Erase All]**.

3. Stopwatch

Allows you to use the Stopwatch function of the phone.

1. Unlock the touch screen by dragging Slide up to unlock up

and touch the **Menu Quick Key** .

2. Touch **Tools** .
3. Touch **Stopwatch**.
4. Touch **[Start]** to start and touch **[Stop]** to stop.
   - You can use the Lap function by touching **[Lap]** to record up to 99 laps and lap times.
5. Touch **Reset** to reset the Stopwatch.

4. World Clock

Allows you to determine the current time in another time zone or country.

1. Unlock the touch screen by dragging **Slide up to unlock** up and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **World Clock**.
4. Touch and on the touch screen or QWERTY keyboard to select other continents.
5. Touch **Select** and choose a city.
6. Touch **[More]** for the following options:
   - **Set DST** Allows you to set Daylight Savings Time.
   - **Cities** Allows you to choose a city from the list.
7. Touch **[Save]** to save the city.

5. Calculator

Allows you to perform mathematical calculations.

1. Unlock the touch screen by dragging **Slide up to unlock** up and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Calculator**.
4. Enter the desired data.
   - Touch the keypad to enter numbers.
   - Touch to enter decimals.
   - Touch the corresponding touch keys to enter functions (+, -, x, ÷).
   - Touch **AC** to clear the entry.

- Touch C to delete the last character entered.
- Touch to select from more advanced functions.
- Touch = to complete an equation.

6. Ez Tip Calculator

Allows you to quickly and easily estimate the tip and total amount of a bill by inputting the bill amount before tip, the tip percentage, and dividing it by the number of people paying.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Tools**.
3. Touch **Ez Tip Calculator**.
4. Enter the variable fields (**Total Bill**, **Tip(%)**, **Split**).
5. The **Tip($)** and **Each** fields will be automatically calculated.
6. Touch **[Reset]** for another calculation.

7. Eco-Calculator

Allows you to keep track of your walking and cycling distances.

The amount of CO_2 that is decreased by walking and cycling is displayed for you to see.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Tools**.
3. Touch **Eco-Calculator**.
4. Touch the **Walking** or **Cycling** fields to edit the hours and miles.

NOTE
The decreasing CO_2 amount is automatically updated when you enter the hour or mile amounts.

5. Touch **Settings** to set the following settings.
   - **Mode** Allows you to switch the Eco-Calculator home screen animation to **Person** or **Tree**. Depending on what information you entered last (Walking or Cycling) an animation will appear. The number of trees in the animation is calculated depending on the amount of CO_2 decreased.
   - **Character** Allows you to change the character to

Man, **Woman**, or **Man & Woman**. This option is unavailable when Tree is set as the Mode.

- **Unit** Allows you to change the unit amount to **Hour** or **Mile**.
- **My Car** Allows you to select the type of fuel your car uses and the Fuel Efficiency (mpg) of your car to measure the amount of CO_2 discharged.

8. USB Mass Storage

Allows you to select the PC connection mode for your device if it doesn't automatically connect.

1. Connect a USB cable to the Charger/USB Port on your device. Make sure you have a microSD card installed.
2. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
3. Touch **Tools** .
4. Touch **USB Mass Storage**.
5. Your device will connect to the PC and your PC will prompt you with a list of actions to execute.
6. Select **Open folder to view files** on your PC to view the files on your microSD card, copy to the PC, and vice versa.
7. To exit USB Mass Storage mode, touch **Exit** on the screen, then safely unplug the phone from the PC.

9. Unit Converter

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Unit Converter**
   You can change the **Currency/ Area/Length/Mass/ Temperature/Volume/ Velocity**.

Settings

Airplane Mode

Turns off all wireless communications. This feature allows you to use the phone when radio transmission is restricted. When in Airplane Mode, services using the Location On functionality will not function completely.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch the **Airplane Mode** button to alternate between **ON** and **OFF**.

Bluetooth

This option allows you to turn the Bluetooth function on and off.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch the **Bluetooth** button to alternate between **ON** and **OFF**.

Music Only Mode

Turning on Music Only Mode will disable voice calls and data. Bluetooth communication will not be affected.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch the **Music Only Mode** button to alternate between **ON** and **OFF**.

1. Sounds Settings

Provides options to customize the phone's sounds.

1.1 Master Volume

Allows you to set Master Volume settings.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Master Volume**.

5. Press the Volume Keys or touch the volume bars to adjust the Master Volume.
6. Touch ▶ to listen to the volume level.
7. Touch [Set] to save the setting.

1.2 Ringtones

Allows you to set the ringtone for different items.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Sounds Settings**.
4. Touch **Ringtones**.
5. Select a ringtone for **Incoming Call**, **TXT Message**, **Media Message**, **Voicemail**, and **Missed Call**.

1.3 Caller ID Readout

Allows you to set how you want the Caller ID to be read out.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Sounds Settings**.
4. Touch **Caller ID Readout**.
5. Touch a setting.

   Ring Only/Caller ID + Ring/ Name Repeat

1.4 Emergency Tone

Allows you to set the Emergency tone settings.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Sounds Settings**.
4. Touch **Emergency Tone**.
5. Touch a setting.

   Alert & Vibrate/Vibrate Only

1.5 Alert Vibrate

Allows you to set the vibration for alerts for different items.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Sounds Settings**.

4. Touch **Alert Vibrate**.
5. Touch **Incoming Call**, **TXT Message**, **Media Message**, **Voicemail**, and **Missed Call** to alternate between **ON** and **OFF**.

1.6 Alert Reminder

Allows you to set the reminder alert for different items.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Alert Reminder.**
5. Select an option for **TXT Message**, **Media Message**, **Voicemail**, and **Missed Call**.

1.7. Button Sounds

Allows you to set the volume level for the touch keys (buttons).

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Button Sounds**.
5. Press the Volume Keys or touch the volume bars to adjust the settings, then touch **[Set]** to save the setting.

1.8 Service Alerts

Allows you to set any of the Service Alerts options to either On or Off.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Service Alerts**.
5. Touch an alert option to toggle the setting **ON** and **OFF**.
   - **Minute Beep** Alerts you 10 seconds before the end of every minute during a call.
   - **Call Connect** Alerts you when the call is connected.
   - **Call Disconnect** Alerts you when the call is disconnected.
   - **Charge Complete** Alerts you when the battery is completely charged.

- **Software Update** Alerts you when there is an updated version of software available.

1.9 Power On/Off

Allows you to set the phone to sound a tone and/or vibrate when the phone is powered on/off.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Power On/Off**.
5. Touch **Power On Sound/ Power On Vibrate/Power Off Sound/Power Off Vibrate** to toggle the setting between **ON** and **OFF**.

2. Display Settings

Provides options to customize the phone's display screen.

2.1 Wallpaper

Allows you to choose the kind of background to be displayed on the phone. The possibilities are endless.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Wallpaper**.
5. Touch **Lock Screen** or **Home Screen**.
6. Touch your choice, then touch **Set**.

2.2 Banner

Allows you to enter text to display on the screen.

2.2.1 Personal Banner

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Banner**.
5. Touch **Personal Banner**.
6. Enter the banner text and touch **[Save]**. Up to 23 characters are allowed.

2.3 Lockscreen Type

Allows you to select the type of lockscreen you want to use for your phone.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Lockscreen Type**.
5. Select **Drag screen to unlock**, or **Swipe here to unlock or Slide up to unlock.**

2.4 Brightness

Allows you to adjust the screen's brightness level.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Brightness**.
5. Press the Volume Keys or touch the volume bars to adjust the settings, then touch **[Set]** to save the setting.

2.5 Notification Light

Allows you to choose which notifications display the notification light.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Notification Light**.
5. Touch the desired options to toggle the setting between **ON** and **OFF**.

2.6 Display Backlight

Allows you to set the duration for the backlight to stay on.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Display Backlight**.
5. Touch a backlight setting.

   30 Seconds/45 Seconds/ 1 Minute/1 1/2 Minutes/ 2 Minutes

2.7 Keypad Backlight

Allows you to set the duration for the backlight on the keypad to stay on.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Keypad Backlight**.
5. Touch a backlight setting.

   7 Seconds/15 Seconds/ 30 Seconds/Always Off

2.8 Charging Screen

Allows you to set a screensaver for the LCD to prevent others from seeing your personal phone information while it's charging.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Charging Screen**.
5. Touch a setting.

   No Image/Desk Clock/ Calendar

2.9 Display Themes

Allows you to choose between different themes for the phone's menus.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Display Themes**.
5. Touch a setting.

   White/Black

NOTE
The default Display Theme is set as **White**.

2.10 Fonts

Allows you to set menu fonts.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Fonts**.

5. Touch a setting.

   LG Gothic/LG Secret/LG Joy

2.11 Dial Fonts

Allows you to set the dial font size. This setting is helpful for those who need the text to display a little bit larger.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Dial Font**.
5. Touch a setting.

   Normal/Large

2.12 Menu Font Size

Allows you to set the menu font size.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Menu Font Size**.
5. Touch a setting.

   Normal/Small/Large

2.13 Clock Format

Allows you to set the type of clock to display on the LCD screen.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Display Settings**.
4. Touch **Clock Format**.
5. Touch a setting.

   Default/Analog/Digital 12/ Large Digital 12/Digital 24/ Large Digital 24/Dual/Off

NOTE
On the Home screen, you can touch and drag the clock to a different location on the touch screen.

2.14 Favorite Bin

Displays or hides the **Shortcuts Menu** icon ( ) on the Home screen.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.

2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Favorite Bin** to toggle the setting between **ON** and **OFF**.

2.15 Name Match for Dialing

Allows you to display names when entering matching phone numbers to dial.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Name Match fot Dialing** to toggle the setting between **ON** and **OFF**.

3. Touch Settings

Allows you to customize the settings for your phone's touch screen.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Touch Settings**.
4. The following options are available to customize the Touch Settings:

   Vibrate Type **Short/Double/Long**

   Vibrate Level **Low/Medium/High**

   Vibrate Feedback **ON/OFF**

   Audio Feedback **Click/Woodblock/Beep/Off**

4. Phone Settings

The Phone Settings Menu allows you to designate specific settings to customize how you use your phone.

4.1 Set Qwerty Shortcut

Allows you to set Qwerty shortcuts for the Home screen.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Set Qwerty Shortcut**.
5. Touch a setting.

Off/Search Contact/New Message/New Note

4.2 Language

Allows you to change the language feature according to your preference.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Language**.
5. Touch a setting.

   English/Español

4.3 Location

Allows you to turn the Location function on your phone on or off. If set to On, location-based services are able to access your GPS (Global Positioning System) satellite-assisted location information.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Location**.
5. Touch a setting.

   Location On/E911 Only

NOTES

- GPS satellite signals are not always received by the phone under bad atmospheric and environmental conditions, indoors, etc.
- When the Location Lock setting is activated in the Security Menu, the lock code is required to enter the Location menu. The lock code is the same 4 digits you use as your device lock code; by default it is the last 4 digits of your phone number.
- When in Airplane Mode, services supporting Location On functionality will not function completely.

4.4 Security

The Security menu allows you to secure the phone electronically.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.

5. Enter the four-digit lock code. By default, the lock code is the last 4 digits of your mobile phone number if it is set. The lock code is the last 4 digits of your MEID if your mobile phone number is not set.

4.4.1 Edit Codes

Allows you to enter a new four-digit lock code.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Edit Codes.**
7. Touch **Phone Only** or **Calls & Services**, then enter your new lock code. Enter it again to confirm it.

4.4.2 Restrictions

Allows you to set separate restrictions for Data, Calls, and Messages.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Restrictions**.
7. Enter the four-digit lock code.
8. Touch a Restrictions submenu, then the setting.

   Incoming Calls Allow All/ Contacts Only/Block All

   Outgoing Calls Allow All/ Contacts Only/Block All

   Incoming SMS Allow All/ Contacts Only/Block All

   Outgoing SMS Allow All/ Contacts Only/Block All

   Incoming MMS Allow All/ Contacts Only/Block All

   Outgoing MMS Allow All/ Contacts Only/Block All

   Data Allow All/Block All

4.4.3 Emergency Numbers

Allows you to edit your emergency numbers.

1. Unlock the touch screen by dragging Slide up to unlock up

and touch the **Menu Quick Key**.

2. Touch **Settings**.
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Emergency Numbers**.
7. Touch a number to edit it.

4.4.4 Reset Default

Allows you to reset your phone to the factory default settings.

1. Unlock the touch screen by dragging **Slide up to unlock** up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Reset Default**.
7. After reading the warning message, touch **[OK]**.
8. Touch **Revert**.

4.4.5 Phone Lock

Allows you to require entering the four-digit lock code when unlocking the screen.

1. Unlock the touch screen by dragging **Slide up to unlock** up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Phone Lock**.

4.5 System Select

Allows you to set up the phone management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

1. Unlock the touch screen by dragging **Slide up to unlock** up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Phone Settings**.
4. Touch **System Select**.
5. Touch a setting.

   Home Only: You can make/receive calls in your home network only.

   Automatic: You can make/receive calls in either your

home or roam network. Roaming rates may apply when not in the home service area.

5. Call Settings

The Call Settings Menu allows you to designate how the phone handles both incoming and outgoing calls.

5.1 Answer Options

Allows you to determine how the phone will answer an incoming call.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Call Settings**.
4. Touch **Answer Options**.
5. Touch the setting(s) you want.

   Slide Out/Any Key/Auto with Handsfree
6. Touch **[Done]**.

5.2 End Call Options

Allows you to determine how the phone will end a call.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Call Settings**.
4. Touch **End Call Options**.
5. Touch a setting.

   Close Slide/End Key Only

5.3 Ignore With Message

You can ignore a phone call and send a text message by touching **[TEXT]**. This menu allows you to select the message. You can also add a new message.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Call Settings**.
4. Touch **Ignore With Message**.
5. Edit a current message or touch **New** to enter a new message.

5.4 Show Dialpad

This options allows you to choose when a dialpad should be displayed when a call is placed.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Call Settings**.
4. Touch **Show Dialpad**.
5. Touch the setting(s) you want.

   Voicemail/Toll-Free/All Calls/ Customized Number
6. Touch **[Set]**.

5.5 Auto Retry

Allows you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Call Settings**.
4. Touch **Auto Retry**.
5. Touch a setting.

   Off/10 seconds/30 seconds/60 seconds

5.6 One Touch Dial

Allows you to initiate a speed dial call by touching and holding the speed dial digit on the dialpad. If set to Off, designated Speed Dial numbers will not function.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.
3. Touch **Call Settings**.
4. Touch **One Touch Dial** to toggle the setting between **ON** and **OFF**.

5.7 Voice Privacy

Allows you to set the voice privacy feature for CDMA calls. CDMA technology already offers inherent voice privacy. Check with your service provider for availability.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Settings**.

3. Touch **Call Settings**.
4. Touch **Voice Privacy** to toggle the setting between **ON** and **OFF**.

5.8 DTMF Tones

Allows you to set the DTMF tone length.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Call Settings**.
4. Touch **DTMF Tones**.
5. Touch a setting.

   Normal/Long

6. USB Mode

Allows you to set up how your phone behaves when a USB connection is made.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **USB Mode**.
4. Touch a setting.

   Mass Storage/Modem Mode/Ask On Plug

NOTE
If the option is set to Ask On Plug, you are asked to confirm whenever the connection is made.

7. Memory

Allows you to set the location where you want to save files. Also allows you to check your internal phone memory as well as the microSD™ external memory.

7.1 Save Options

Allows you to select which memory (phone or memory card) to use to save your files.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Memory**.
4. Touch **Save Options**.
5. Touch **Pictures/Videos/Ringtones**.
6. Touch **Phone Memory/Card Memory**.

7.2 Phone Memory

Shows the memory usage information for the phone and lists the files, by type.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Memory**.
4. Touch **Phone Memory**.
5. Touch **Memory Usage/ Pictures/Videos/Ringtones/ Music/Contacts/ Move All To Card**.

7.3 Card Memory

Shows the memory usage information for the memory card and lists the files, by type.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Memory**.
4. Touch **Card Memory**.
5. Touch **Memory Usage/ Pictures/Videos/Ringtones/ Music/Contacts/ Move All To Phone**.

8. Phone Info

Allows you to view the information specific to your phone and software.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Info**.

8.1 My Number

Allows you to view your phone number.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Info**.
4. Touch **My Number**.

8.2 ESN/MEID

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .

2. Touch **Settings** .
3. Touch **Phone Info**.
4. Touch **ESN/MEID**.

8.3 SW/HW Version

Allows you to view various applications such as SW, PRL, Browser, easyedge, AVR, EMS, MMS, Bluetooth, HW, OTADM and Operating System.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Info**.
4. Touch **SW/HW Version**.

8.4 Icon Glossary

Allows you to view all the icons and their meanings.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Info**.
4. Touch **Icon Glossary**.
5. Choose a category to view the related icons.

8.5 Software Update

This feature gives your device the ability to upgrade to the latest software and keeps it operating with the latest features.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Info**.
4. Touch **Software Update**.
5. Touch **Status** to see the status of a download or update and see information on the last successful update. If updates have not yet been performed, status information will be unavailable. Touch **Check for Update** to check for new software.

9. Accessibility

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.

9.1 Menu Readout

Allows the phone to read menus out loud.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **Menu Readout** to toggle the setting between **ON** and **OFF**.

9.2 Digit Dial Readout

Allows the phone to read the digits you dial out loud.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **Digit Dial Readout** to toggle the setting between **ON** and **OFF**.

9.3 Large Text

Allows you to use larger font for menus.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **Large Text** to toggle the setting between **ON** and **OFF**.

9.4 Invert Color

Allows you to invert the color theme.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **Invert Color** to toggle the setting between **ON** and **OFF**.

9.5 Mono Sound

Allows the phone to convert stereo sound to mono sound and send the sound output to both sides of earphones.

1. Unlock the touch screen by dragging Slide up to unlock up

and touch the **Menu Quick Key** .

2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **Mono Sound** to toggle the setting between **ON** and **OFF**.

9.6 TTY

Allows you to attach a TTY device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. Unlock the touch screen by dragging

up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **TTY Mode**, read the warning, then touch **[OK]**.
5. Touch a setting.

   TTY Full: Users who cannot talk and hear can send and receive a text message through TTY equipment.

   TTY + Talk: Users who can talk but cannot hear receive a text message and send voice through TTY equipment.

   TTY + Hear: Users who can hear but cannot talk send a text message and receive voice through TTY equipment.

   TTY Off: Users communicate without TTY equipment.

Connecting TTY Equipment and a Telephone

1. Connect the TTY terminal to the phone using a TTY cable. (Use the headset jack to connect to the phone.)

NOTE
The first time you use TTY mode, a pop -up saying "Enabling TTY will disable headset audio." will be displayed on the screen. Touch **[OK]**.

2. Enter the phone's **Call Settings** menu and set the desired TTY mode.
3. After setting a TTY mode, check the phone's LCD screen for the TTY icon.

4. Connect the TTY equipment to the power source and turn it on.
5. Make a phone connection to the desired number.
6. When connection is made, use the TTY equipment to type in and send a text message or send voice.
7. The voice or text message from the receiver end displays on the TTY equipment display.

9.7 Voice Command

Allows you to set Voice Command settings.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Accessibility**.
4. Touch **Voice Command** and use the following options to configure Voice Command:

   Confirm Choices **Automatic/ Always Confirm/Never Confirm**

   Sensitivity **More Sensitive/ Automatic/Less Sensitive**

   Adapt Voice **Train Digits/ Train Words**

   Prompts
   Mode: (Prompts/Readout + Alerts/Readout/Tones Only)
   Audio Playback: (Speakerphone/Earpiece)
   Timeout: (5 seconds/ 10 seconds)

   Info **Confirm Choices/ Sensitivity/Adapt Voice/ Prompts**

Tone Room Deluxe

The Tone Room Deluxe application allows you to browse and download ringtones.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Tone Room Deluxe** .
3. Read the terms of service and touch Accept if you accept them.
4. Browse for ringtones and download the desired ones.

1. Bluetooth Menu

Your phone is compatible with devices that support the Bluetooth Headset, Handsfree, Stereo, Phonebook Access, Object Push*, and File Transfer. You may create and store 20 pairings within the phone and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (10 meters).

NOTE
Read the user guide of each Bluetooth® accessory that you are trying to pair with your phone because the instructions may be different.

NOTE
Your phone is based on the Bluetooth® specification, but it is not guaranteed to work with all devices enabled with Bluetooth® wireless technology. Your phone does not support all Bluetooth® OBEX Profiles.
*Contact Name Cards, Calendar events and other non-protected data.

Add New Device

Pairing is the process that allows the phone to locate, establish, and register 1-to-1 connection with the target device.

For pairing with a new Bluetooth® device

1. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
2. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
3. Touch **Bluetooth** .
4. Touch **[Add New Device]**.
5. Touch **Yes** if prompted to turn on Bluetooth. When prompted to place the device you are connecting to in discoverable mode, touch Next .
6. The device will appear on the screen. Once it has been located, touch the device.
7. Touch **[Pair Device]**. The phone may ask you for the passcode. Consult the Bluetooth® accessory instructions for the appropriate passcode (typically “0000” - 4 zeroes).

Enter the passcode or verify that the passcodes match.

8. Once pairing is successful, touch either **Always Ask** or **Always Connect** (except audio devices).
9. Once connected, you will see the device listed in the phone's Bluetooth Menu. If your search fails to find any pairing device, or you want to search again, touch to try **[Search For Devices]** again.

Icon Reference in Adding New Device

When the Bluetooth® wireless connection is created and paired devices are found, the following icons are displayed.

	When an audio device is found by your phone.
	When a PC is found by your phone.
	When a PDA is found by your phone.
	When another phone device is found by your phone.
	When a car is found by your phone.
	When other undefined devices are found by your phone.

My Phone Name

Allows you to view and edit your device name.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key** .
2. Touch **Bluetooth** .
3. Touch **[Settings]**.
4. Touch **My Phone Name**.
5. Delete the existing name and enter your personalized name.
6. Touch **Done** to save the new name.

Discovery Mode

Allows you to set whether your device is able to be searched by other Bluetooth® devices in the area.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Bluetooth**.
3. Touch **[Settings]**.
4. Touch **Discovery Mode** to alternate between **ON** and **OFF**.

My Device Info

Allows you to view your device's Bluetooth® information.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Bluetooth**.
3. Touch **[Settings]**.
4. Touch **My Device Info**.

Supported Profiles

Allows you to see profiles that Freedom II can support.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Bluetooth**.
3. Touch **[Settings]**.
4. Touch **Supported Profiles**.

NOTES
If you want to view your options for a device already in your paired list, touch the name of the device in the list to connect. For a list of pairing options to choose from, touch the Settings icon.

Music

The your phone allows you to store and to listen to music right from your phone.

NOTE
Storage availability depends on the size of each file as well as memory allocation of other applications.

1. Unlock the touch screen by dragging Slide up to unlock up and touch the **Menu Quick Key**.
2. Touch **Music**.
3. Touch one of the following sub-menus:

   All Songs/Playlists/Artists/Genres/Albums/Manage My Music/Music Settings
4. Touch the name of the song you want to hear to start the music player.

Playing Your Music

It's easy to find and play the music you've stored in your phone and memory card.

All Songs
Allows you to view all of your songs alphabetically. Touch a song to play it.

Playlists
Allows you to view and play your songs by playlist.
It is also possible to create playlists on your phone and playlists can be managed (add and delete songs) from where they were created.

Creating a playlist

1. To create a playlist, touch **Create New**, enter a name for your playlist, then touch **Done**.
2. After entering the name, touch the playlist to open it.
3. Touch **More** and then **Add Songs**.
4. Touch the songs you want to add, or touch **Mark All**, then touch **Done**.

Artists
Allows you to view and play your songs grouped by artist.

Genres
Allows you to view and play songs grouped by genre.

Albums
Allows you to view and play songs grouped by album.

Manage My Music
Allows you to manage your music files. (Erase/*Move to Card/*Move to Phone)

* **Move to Card** is displayed only when the microSD card is inserted.

Music Settings

Allows you to set the Repeat and Shuffle modes.

Airplane Mode

Allows you to set the Airplane mode to ON and OFF.

Music Only Mode

Allows you to set the Music Only Mode to ON and OFF.

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and sends out Radio Frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently:

Don't touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects Call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive and always obey them. Also, if using your phone while driving, please observe the following:

- Give full attention to driving – driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a calif driving conditions or the law require it.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;

- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices and Health Care Facilities

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from the external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to the external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio”. Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks

in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all times after reading it.

Violation of the instructions may cause minor or serious damage to the product.

- Do not disassemble or open crush, bend or deform, puncture or shred
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.
- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Please read the manual for proper installation and removal of the battery.
- Please read the manual for specified charger and charging method.
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.

Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Recharge the battery after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.
- Please use only an approved charging accessory to charge your LG phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.
- Charging temperature range is 32°F (0°C) and 113°F (45°C). Do not charge the battery outside this range. Doing so may generate excessive heat causing serious damage to the battery deteriorating battery life and/or other battery characteristics.
- Do not use or leave the battery in direct sunlight or inside a hot car. The battery may generate heat, smoke or flame, as well as deteriorating battery life and/or other battery characteristics.
- The battery pack has a protection circuit. Do not use near places that can generate more than 100V static electricity which could damage the protection circuit. Damaged protection circuits may rupture, smoke, or ignite.
- When using the battery for the first time, if it emits a bad smell, you see rust on it, or anything else abnormal, do not use the equipment. Return

it to the place where it was bought.

- If children are allowed to use the device battery, an adult is responsible for teaching about the safe handling and use of batteries, as well as supervising their proper use and care.
- Keep the battery away from young children. Safeguard so that small children do not remove the battery from the charger or device.
- If liquid from the battery rubs against skin or clothing, rinse with clean water. The battery liquid could cause skin irritation.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire. Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Never use and unapproved battery since this could damage the phone and/or battery and could cause the battery to explode. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers. Only authorized

personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty.
- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce Call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.

- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ringtones, text messages, voice messages, and pictures could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Caution: Avoid potential hearing loss.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise induced hearing loss. This includes the use of headphones (including headsets, earbuds and Bluetooth® or other wireless devices). Exposure to

very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD USA 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/health/hearing

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

FDA Consumer Update

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones:

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of Radio Frequency (RF) energy in the microwave range while being used. They also emit very low levels of RF when in standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any

biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit Radio Frequency (RF) energy at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data does not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency

- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell", "mobile", or "PCS" phones. These types of wireless phones can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the phone and the user's head.

These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency (RF) energy exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we do not know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect, if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop — if they do — may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research And Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is

conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much Radio Frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit Radio Frequency (RF) energy exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless phones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website http://www.fda.gov (under "c" in the subject index, select Cell Phones > Research) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the Radio Frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless phones and other wireless handsets with the participation and leadership of

FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques", sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

If there is a risk from these products — and at this point we do not know that there is — it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to Radio Frequency (RF) energy. Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data does not demonstrate that wireless phones are harmful. But if you

are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac

pacemakers and defibrillators are safe from wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones (http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm)

Federal Communications Commission (FCC) RF Safety Program

http://www.fda.gov (www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection

(http://www.icnirp.de)

World Health Organization (WHO) International EMF Project

(http://www.who.int/emf)

Health Protection Agency

(http://www.hpa.org.uk/radiation)

10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When operating a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your Voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Don't take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light, or otherwise stationary. But if you need to dial while driving, follow this simple tip – dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations – with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it's a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless

phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

Consumer Information on SAR

(Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure Limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones

to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

This device was tested for typical body-worn operations with the back of the phone kept 0.59 inches (1.5 cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.59 inches (1.5 cm) must be maintained between the user s body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.59 inches (1.5 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

The FCC has granted an Equipment Authorization for this model phone with all reported

SAR levels evaluated as in compliance with the FCC RF emission guidelines.

The highest SAR value for this model phone when tested for use at the ear is 1.16 W/kg and when worn on the body, as described in this user's manual, is 1.30 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on ZNFVN280.

To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require

digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use.. A sum of 6 is considered for best use.

In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that's acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth components must be disabled during a call.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/consumerfacts/hac_wireless.html

Limited Warranty Statement

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

(1) The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.

(2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.

(3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories and Canada.

(4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.

(5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

(6) The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

(1) Defects or damages resulting from use of the product in other than its normal and customary manner.

(2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair,

misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.

(3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.

(4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.

(5) Products which have had the serial number removed or made illegible.

(6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.

(7) Damage resulting from use of non LG approved accessories.

(8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

(9) Products operated outside published maximum ratings.

(10) Products used or obtained in a rental program.

(11) Consumables (such as fuses).

3. WHAT LG WILL DO:

LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent re-conditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information.

4. STATE LAW RIGHTS:

No other express warranty is applicable to this product. THE

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Or visit http://us.lgservice.com. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets, P.O. Box 240007, Huntsville, A35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

Terminology

Ez Tip Calculator

Feature for easy bill calculation using the total cost, tip, and number of people as variables.

Voice Commands

Feature that allows you to perform a wide range of verbal commands by training the phone to recognize your individual speech patterns.

Bluetooth® wireless technology

Technology used to allow mobile phones, computers, and other personal devices to be easily coordinated and interconnected using a short-range wireless connection.

microSD™ card

Additional external memory for your mobile phone.

Acronyms and Abbreviations

DTMF

Dual-Tone Multi Frequency (or "touch-tone") is a method used to communicate keys pressed on the phone. Pressing a key generates two simultaneous tones, one for the row and one for the column to determine which key was pressed.

GPS

Global Positioning System is a system of satellites, computers, and receivers able to determine the latitude and longitude of a specific receiver on Earth. Position is calculated using time and distance.

IS 2000

Type of digital signaling. It's the second generation of CDMA digital cellular, an extension of IS-95. Differences between signaling types have to do with pilot signal and links to provide more traffic channels, and control protocols.

NAM

Number **A**ssignment **M**odule is how the phone stores the phone number and its electronic serial number.

SSL

Secure **S**ockets **L**ayer Protocol is used to encrypt data sent over the air.

TTY

Tele**ty**pewriter. An electromechanical typewriter that either transmits or receives messages coded in electrical signals. A phone with TTY support is able to translate typed characters to voice or translate voice into characters to display on the TTY.

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MEMO

MEMO

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